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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet

1

of

1

**Complete if Known**

Application Number	10/809.654
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<b>Filing Date</b>	03/25/2004
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First Named Inventor	Zhonglin Hao
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Art Unit	1653
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Examiner Name

Attorney Docket Number 00497-08

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

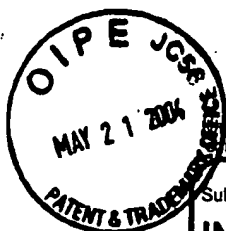
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2-17-06

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PTO/SB/08B (10-01)  
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Substitute for form 1449B/PTO		<b>Complete if Known</b>			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/809,654		
		Filing Date	03/25/2004		
		First Named Inventor	Zhonglin Hao		
		Group Art Unit	1653		
		Examiner Name			
Sheet	1	of	2	Attorney Docket Number	00497-08

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A	Naz, Rajesh K: "Application of Sperm Antigens in Immun contraception", Frontiers in Bioscience 1, e87-95, Sep. 1 (1996).	
	B	O'HERN, PATRICIA A. et al: "Reversible Contraception in Female Baboons Immunized with a Synthetic Epitope of Sperm-Specific Lactate Dehydrogenase", Biology of Reproduction, Vol. 52, pp 331-339, (1995).	
	C	DATABASE EMBL 'Online!', Accession Number AF203447, 12 Nov. 2000, HAO, Z. et al.; "Homo Sapiens sperm acrosome membrane protein SAMP32, mRNA, complete cds".	
	D	DATABASE EMBL 'Online!', Accession Number AW173256, 17 Nov. 1999, NATIONAL CANCER INSTITUTE, CANCER GENOME ANATOMY PROJECT (CGAP): "Homo Sapiens cDNA clone".	
	E	DATABASE EMBL 'Online!', Accession Number AA824354, 20 Feb 1998, NATIONAL CANCER INSTITUTE, CANCER GENOME ANATOMY PROJECT (CGAP): "Homo Sapiens cDNA clone".	
	F	DATABASE EMBL 'Online, Accession No. AA431165, 25 May 1997, HILLIER, L. ET AL.; "zw71g10.r1 Soares_testis_NHT Homo sapiens cDNA clone".	
	G	DATABASE GENESEQ [Online], Accession No. AAV63171, 12 Jan. 1999, AGOSTINO MJ, et al.: "cDNA from clone cf50_1 which encodes a secreted protein".	
	H	DATABASE GENESEQ [ONLINE], Accession No. AAA37094, 8 August 2000, BAKER, K et al.; "Human PRO1418 (UNQ732) cDNA Sequence SEQ ID NO:264".	
	I	DATABASE GENESEQ [ONLINE], Accession No. AAW80397, 12 January 1999, AGOSTINO MJ et al: "A Secreted Protein Encoded by Clone cf50_1".	
	J	DATABASE GENESEQ [ONLINE], Accession No. AAY99412, 8 August 2000, BAKER, K et al, "Human PRO1418 (UNQ732) Amino Acid Sequence SEQ ID NO:265".	
	K	CHEN, MICHELLEE S., et al.: "Role of the integrin-associated protein CD9 in binding between sperm ADAM 2 and the egg integrin $\alpha 6 \beta 1$ : Implications for Murine Fertilization", PNAS, Vol 96, No. 21, pp 11830-11835, Oct 12 (1999).	

Examiner Signature		Date Considered	2-17-04
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		Group Art Unit	1653
		Examiner Name	
Sheet 2 of 2	Attorney Docket Number	00497-08	

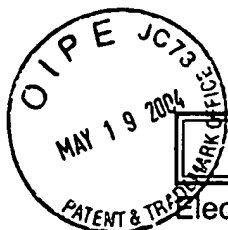
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D	L	LE NOIR, FRANCOIS, et al.: "Severely Reduced Female Fertility in CD9-Deficient Mice", SCIENCE, Vol. 287, Jan. 14 (2000).	
	M	DIEKMAN, ALAN B. et al.: "N-linked glycan of a sperm CD52 glycoform associated with human infertility", FASEB, Vol. 13, pp 1303-1308, Aug. (1999).	
D	N	MIYADO, Kenji, et al.: "Requirement of CD9 on the Egg Plasma Membrane for Fertilization", SCIENCE, Vol 287, Jan 14, (2000).	

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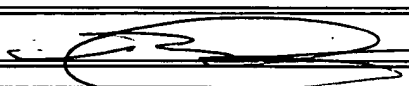
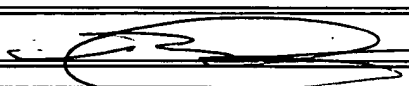
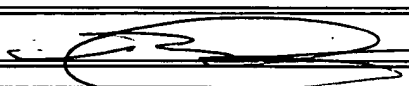
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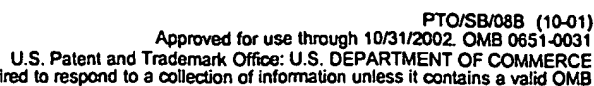
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# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
Stylesheet Version v18.0

<b>Title of Invention</b>	<b>Sperm Specific Proteins</b>																												
<p>Application Number: 10/809654 </p> <p>Confirmation Number: 8532</p> <p>First Named Applicant: John Herr</p> <p>Attorney Docket Number: 00497-08</p> <p>Art Unit: 1653</p> <p>Examiner: Not Yet Assigned</p> <p>Search string: ( 5602005 or 5830472 ).pn.</p> <p><b>US Patent Documents</b></p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>5602005</td><td>1997-02-11</td><td>Herr, et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>5830472</td><td>1998-11-03</td><td>Herr, et al.</td><td></td><td></td><td></td></tr></tbody></table> <p><b>Signature</b></p> <table border="1"><thead><tr><th>Examiner Name</th><th>Date</th></tr></thead><tbody><tr><td></td><td>2-17-06</td></tr></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	5602005	1997-02-11	Herr, et al.					2	5830472	1998-11-03	Herr, et al.				Examiner Name	Date		2-17-06
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